

(1) Where applicants for or licensees operating in the 470-512 MHz band meet the loading requirements of § 90.313 and have exclusive use of their frequencies in their service area.

(2) Trunking will be permitted on frequencies where an applicant or licensee does not have an exclusive service area, provided that all frequency coordination requirements are complied with and consent is obtained from all licensees pursuant to paragraphs (b)(2)(i), (b)(2)(ii), and (b)(2)(iii) of this section.

(i) Stations that have operating frequencies (base and mobile) that are 15 kHz or less removed from proposed stations that will operate with a 25 kHz channel bandwidth; stations that have operating frequencies (base and mobile) that are 7.5 kHz or less removed from proposed stations that will operate with a 12.5 kHz bandwidth; or stations that have operating frequencies (base and mobile) 3.75 kHz or less removed from proposed stations that will operate with a 6.25 kHz bandwidth; and

(ii) Stations with service areas (37 dBu contour for stations in the 150-174 MHz band and 39 dBu contour for stations in the 421-512 MHz bands; See § 90.205) that overlap a circle with radius 113 km (70 mi.) from the proposed base station. Alternatively, applicants may submit an engineering analysis based upon generally accepted engineering practices and standards which demonstrates that the service area of the trunked system does not overlap any existing stations whose service areas overlap a circle with radius 113 km (70 mi.) from the proposed base station.

(iii) The consensual agreements among licensees must specifically state the terms agreed upon and a statement must be submitted to the Commission indicating that all licensees have consented to the use of trunking. If a licensee has agreed to the use of trunking, but later decides against the use of trunking, the licensee may request that the licensee(s) of the trunked system reconsider the use of trunking. If the licensee is unable to reach an agreement with the licensee(s) of the trunked system, the licensee may request that the Commission consider the matter and assign it another channel. New licensees will only be assigned the same channel as a trunked system, if the new licensee reaches an agreement with the licensee(s) of the trunked system.

(c) Trunking of systems licensed on paging-only channels or licensed in the Radiolocation Service (Subpart F) is not permitted.

23. Section 90.203 is amended by removing and reserving paragraphs (b)(6) and (j)(1) and revising paragraph (j)(9) and the second sentence of paragraphs (j)(3) and (j)(5) to read as follows:

§ 90.203 Type acceptance required.

* * * * *

(b) * * *

(6) [Reserved]

* * * * *

(j) * * *

(1) [Reserved]

* * * * *

(3) * * * Additionally, if the equipment is capable of transmitting data, has transmitter output power greater than 500 mW, and has a channel bandwidth of more than 6.25 kHz, the equipment must be capable of supporting a minimum data rate of 4800 bits per second per 6.25 kHz of channel bandwidth.

* * * * *

(5) * * * Additionally, if the equipment is capable of transmitting data, has transmitter output power greater than 500 mW, and has a channel bandwidth of more than 6.25 kHz, the equipment must be capable of supporting a minimum data rate of 4800 bits per second per 6.25 kHz of channel bandwidth.

* * * * *

(9) Transmitters used for stolen vehicle recovery on 173.075 MHz must comply with the requirements of Section 90.20(e)(6) of this part.

* * * * *

24. Section 90.207 is amended by revising paragraphs (b) and (d) and the first sentence of paragraph (l) to read as follows:

§ 90.207 Types of emissions.

* * * * *

(b) Authorizations to use A3E, F3E, or G3E emission also include the use of emissions for tone signals or signaling devices whose sole functions are to establish an to maintain communications, to provide automatic station identification, and for operations in the Public Safety Pool, to activate emergency warning devices used solely for the purpose of advising the general public or emergency personnel of an impending emergency situation.

* * * * *

(d) Except for Traveler's Information stations in the Public Safety Pool authorized in accordance with § 90.242, only J3E emission will be authorized for telephony systems on frequencies below 25 MHz.

* * * * *

(l) For stations in the Public Safety and Industrial/Business Pools utilizing digital voice modulation, in either the scrambled or unscrambled mode, F1E or G1E emission will be authorized. * * *

* * * * *

25. Section 90.213 is amended by revising footnote 1 to the table in paragraph (a) to read as follows:

§ 90.213 Frequency stability.

* * * * *

¹ Fixed and base stations with over 200 watts transmitter power must have a frequency stability of 50 ppm except for equipment used in the Public Safety Pool where the frequency stability is 100 ppm.

* * * * *

26. Section 90.217 is amended by revising the introductory text to read as follows:

§ 90.217 Exemption from technical standards.

Except as noted herein, transmitters used at stations licensed below 800 MHz on any frequency listed in Subparts B and C of this part or licensed on a business category channel above 800 MHz which have an output power not exceeding 120 milliwatts are exempt from the technical requirements set out in this subpart, but must instead comply with the following:

* * * * *

27. Section 90.235 is amended by revising the last sentence of the introductory text, the last sentence of paragraph (d), and paragraph (e) to read as follows:

§ 90.235 Secondary fixed signaling operations.

* * * Voice signaling will be permitted only in the Public Safety Pool.

* * * * *

(d) * * * In the Public Safety Pool, the maximum duration of any voice signaling transmission shall not exceed 6 seconds and shall not be repeated more than 3 times.

(e) Until December 31, 1999, for systems in the Public Safety Pool authorized prior to June 20, 1975, and Power and Petroleum licensees as defined in § 90.7 authorized prior to June 1, 1976, the maximum duration of any signaling transmission shall not exceed 6 seconds and shall not be repeated more than 5 times. For Power licensees authorized between June 1, 1976, and August 14, 1989, signaling duration shall not exceed 2 seconds and shall not be repeated more than 5 times. Such systems include existing facilities and additional facilities which may be authorized as a clear and direct expansion of existing facilities. After December 31, 1999, ass signaling systems shall be required to comply with the two second message duration and three message repetition requirements.

28. Section 90.237 is amended by revising the introductory text to read as follows:

§ 90.237 Interim provisions for operations of radioteleprinter and radiofacsimile devices.

These provisions authorize and govern the use of radioteleprinter and radiofacsimile devices for base station use (other than on mobile-only or paging-only frequencies) in all radio pools and services except Radiolocation in this part.

* * * * *

29. Section 90.238 is amended by revising paragraphs (a), (b), (c), (d), (e), (h) and (i) to read as follows:

§ 90.238 Telemetry operations.

* * * * *

(a) 72-76 MHz (in accordance with § 90.257 and subject to the rules governing the use of that band).

(b) 154.45625, 154.46375, 154.47125, and 154.47875 MHz (subject to the rules governing the use of those frequencies).

(c) 173.20375, 173.210, 173.2375, 173.2625, 173.2875, 173.3125, 173.3375, 173.3625, 173.390, and 173.39625 MHz (subject to the rules governing the use of those frequencies).

(d) 216-220 and 1427-1435 MHz (as available in the Public Safety and Industrial/Business Pools and in accordance with § 90.259).

(e) In the 450-470 MHz band, telemetry operations will be authorized on a secondary basis with a transmitter output power not to exceed 2 watts on frequencies subject to § 90.20(d)(27) or 90.35(b)(30).

* * * * *

(h) 458-468 MHz band (as available in the Public Safety Pool for bio-medical telemetry operations).

(i) Frequencies available for low power (2 watts or less) operations in the Industrial/Business Pool.

30. Section 90.241 is amended by revising the introductory text of paragraphs (a) and (c) and revising paragraphs (d) and (e) to read as follows:

§ 90.241 Radio call box operations.

(a) The frequencies in the 72-76 MHz band listed in § 90.257(a)(1) may be assigned in the Public Safety Pool for operation of radio call boxes to be used by the public to request fire, police, ambulance, road service, and other emergency assistance, subject to the following conditions and limitations:

* * * * *

(c) Frequencies in the 450-470 MHz band which are designated as available for assignment to central control stations and radio call box installations in § 90.20(c) or § 90.20(d)(58) may be assigned in the Public Safety Pool for highway call box systems subject to the following requirements:

* * * * *

(d) In addition to the frequencies available pursuant to § 90.20(c) the frequencies set forth in § 90.20(d)(58) may be used for central control station and call box installations in areas where such frequencies are available for fixed system use subject to the requirements and limitations of that section and subject to the provisions of paragraphs (c)(1), (4), (5), (6), (7), (8), (9), (10), and (12) of this section.

(e) In accordance with subpart Q of this part, the frequencies available pursuant to § 90.20(c) or § 90.20(d)(58) for central control station and call box installations may be assigned for developmental operation as part of a highway safety communication program which is designed to provide radio communications directly with motorists to and from their motor vehicles.

31. Section 90.242 is amended by revising the introductory text of paragraph (a) and paragraph (a)(1) to read as follows:

§ 90.242 Travelers' information stations.

(a) The frequencies 530 through 1700 kHz in 10 kHz increments may be assigned to the Public Safety Pool for the operation of Travelers' Information Stations subject to the following conditions and limitations.

(1) For Travelers' Information Station applications only, eligibility requirements as set forth in § 90.20(a) are extended to include park districts and authorities.

* * * * *

32. Section 90.243 is amended by revising paragraphs (a), (b)(1), (b)(3), (c)(3), (c)(4), and (c)(5) and removing and reserving paragraph (b)(2) to read as follows:

§ 90.243 Mobile relay stations.

(a) Mobile relay operations will be authorized on frequencies below 512 MHz, except in the Radiolocation Service.

(b) * * *

(1) In the Public Safety Pool, medical services systems in the 150-160 MHz band are permitted to be cross-banded for mobile and central stations operations with mobile relay stations authorized to operate in the 450-470 MHz band.

(2) [Reserved]

(3) In the Industrial/Business Pool, on frequencies designated with an "LR" in the coordinator column of the frequency table in § 90.35(a)(3), mobile relay operation shall be on a secondary basis to other co-channel operations.

* * * * *

(c) * * *

(3) Except in the Industrial/Business Pool, on frequencies designated with an "LR" in the coordinator column of the frequency table in § 90.35(a)(3), each new mobile-relay station authorized after January 1, 1972, shall be equipped for automatic deactivation of the transmitter within 5 seconds after the signals controlling the station cease.

(4) Except in the Industrial/Business Pool, on frequencies designated with an "LR" in the coordinator column of the frequency table in § 90.35(a)(3), each new mobile-relay station authorized after January 1, 1972, during periods that is not controlled from a manned fixed control point; shall have an automatic time delay or clock device that will deactivate the station not more than 3 minutes after its activation by a mobile unit.

(5) In the Industrial/Business Pool, on frequencies designated with an "LR" in the coordinator column of the frequency table in § 90.35(a)(3), each mobile relay station,

regardless of the frequency or frequencies of the signal by which it is activated shall be so designated and installed that it will be deactivated automatically when its associated receiver or receivers are not receiving a signal on the frequency or frequencies which normally activate it.

* * * * *

33. Section 90.247 is amended by revising paragraphs (a), (b), (d), and (e) to read as follows:

§ 90.247 Mobile repeater stations.

* * * * *

(a) Mobile repeaters and/or associated hand-carried transmitters may be assigned separate base/mobile frequencies for this use in addition to the number of frequencies normally assignable to the licensee.

(b) In the Industrial/Business Pool, on frequencies below 450 MHz, only low power frequencies (2 watts or less output power) may be assigned for use by mobile repeaters or by hand-carried transmitters whose communications are directed to mobile repeaters, when separate frequencies are assigned for that purpose.

* * * * *

(d) In the Industrial/Business Pool, on frequencies designated with an "LR" in the coordinator column of the frequency table in § 90.35(a)(3), use of mobile repeaters is on a secondary basis to the stations of any other licensee. Hand carried units used in connection with mobile repeaters on frequencies designated with an "LR" in the coordinator column of the frequency table in § 90.35(a)(3) may operate only above 150 MHz and are limited to a maximum output power of six watts. The frequency and maximum power shall be specified in the station authorization.

(e) In the Industrial/Business Pool, on frequencies designated with an "LR" in the coordinator column of the frequency table in § 90.35(a)(3), the output power of a mobile repeater station, when transmitting as a repeater station on the frequency used for communication with its associated pack-carried or hand-carried units, shall not exceed 6 watts except when the same frequency is also used by the same station for direct communication with vehicular mobile units or with one or more base stations.

* * * * *

34. Section 90.249 is amended by revising the second sentence of paragraph (a)(2), the first sentence of paragraph (a)(3), and the last sentence of paragraph (c) to read as follows:

§ 90.249 Control stations.

* * * * *

(a) * * *

(2) * * * In the Industrial/Business Pool, on frequencies designated with an "LR" in the coordinator column of the frequency table in § 90.35(a)(3), such a control station may be assigned any mobile service station frequency available for assignment to mobile stations.
* * *

(3) Control and fixed stations in the Public Safety Pool may be authorized on a temporary basis to operate on frequencies available for base and mobile stations between 152 and 450 MHz, where there is an adequate showing that such operations cannot be conducted on frequencies allocated for assignment to operational fixed stations. * * *

* * * * *

(c) * * * In the Industrial/Business Pool, on frequencies designated with an "LR" in the coordinator column of the frequency table in § 90.35(a)(3), base stations used intermittently as control stations shall operate only on a mobile service frequency which is available for assignment to base stations.

35. Section 90.257 is amended by revising the introductory text of paragraph (b) to read as follows:

§ 90.257 Assignment and use of frequencies in the band 72-76 MHz.

* * * * *

(b) The following criteria governs the authorization and use of frequencies in the 72-76 MHz band by mobile stations in the Industrial/Business Pool.

* * * * *

36. Section 90.259 is amended by revising the first sentence to read as follows:

§ 90.259 Assignment and use of frequencies in the bands 216-220 MHz and 1427-1435 MHz.

Frequencies in the bands 216-220 MHz and 1427-1435 MHz may be assigned to applicants under this part provided the band is listed in the individual radio pool under which they establish eligibility. * * *

37. Section 90.261 is amended by revising paragraph (a) and removing and reserving paragraphs (d) and (e) to read as follows:

§ 90.261 Assignment and use of the frequencies in the band 450-470 MHz for fixed operations.

(a) Frequencies in the 450-470 MHz band as listed in § 90.20(c)(3) and § 90.35(a)(3) may be assigned to all eligibles for fixed use on a secondary basis to land mobile operations.

* * * * *

(d) [Reserved]

(e) [Reserved]

* * * * *

38. Section 90.263 is amended by revising the first sentence to read as follows:

§ 90.263 Substitution of frequencies below 25 MHz.

Frequencies below 25 MHz when shown in the radio pool frequency listings under this part will be assigned to base or mobile stations only upon a satisfactory showing that, from a safety of life standpoint, frequencies above 25 MHz will not meet the operational requirements of the applicant. * * *

39. Section 90.264 is amended by revising paragraph (g) to read as follows:

§ 90.264 Disaster communications between 2 and 10 MHz.

* * * * *

(g) Applicants must fulfill eligibility requirements set out in § 90.20(d)(6) and shall submit disaster communications plans pursuant to § 90.129(m).

* * * * *

40. Section 90.265 is amended by revising the introductory text of paragraph (a) to read as follows:

§ 90.265 Assignment and use of frequencies in the bands 169-172 MHz and 406-413 MHz.

(a) The following frequencies are available for assignment to fixed stations in the Industrial/Business Pool subject to the provisions of this section:

* * * * *

41. Section 90.266 is amended by revising the heading , the introductory text of paragraph (b), and paragraph (g) to read as follows:

§ 90.266 Long distance communications on frequencies below 25 MHz.

* * * * *

(b) Only in the following circumstances will authority be extended to stations to operate on the frequencies below 25 MHz:

* * * * *

(g) Applicants must fulfill eligibility requirements set out in § 90.35(b)(1) and submit communications plans pursuant to § 90.129(o).

* * * * *

42. Section 90.267 is amended by revising the introductory text of paragraph (a) and paragraphs (a)(2) and (a)(6) and removing and reserving paragraph (a)(1) to read as follows:

§ 90.267 Assignment and use of frequencies in the 450-470 MHz band for low-power use.

(a) Any regularly assignable frequency in the 450-470 MHz band listed in the tables in subparts B and C of this part may be designated by the frequency coordinators as a low-power channel in a defined geographic area. These channels are subject to the following conditions.

(1) [Reserved]

(2) Assignments are subject to the frequency coordination requirements of § 90.175.

* * * * *

(6) Each coordinator must maintain a list of all channels designated for low-power use and the geographic areas where such channels are available. The coordinator must make this list available to the public upon request.

* * * * *

43. Section 90.269 is amended by revising the introductory text of paragraph (a) to read as follows:

§ 90.269 Use of frequencies for self-powered vehicle detectors.

(a) Frequencies subject to § 90.20(d)(22) may be used for the operation of self-powered vehicle detectors by licensees of base/mobile stations in the Public Safety Pool in accordance with the following conditions:

* * * * *

44. Section 90.273 is amended by revising the first two sentences and Tables 1 and 2 of paragraph (a) and removing and reserving paragraph (b) to read as follows:

§ 90.273 Availability and use of frequencies in the 421-430 MHz band.

* * * * *

(a) The following tables list frequencies available for assignment in the Public Safety and Industrial/Business Pools as indicated. In the tables, the Public Safety Pool frequencies are denoted as "PS" and the Industrial/Business Pool frequencies are denoted as "IB." * * *

Table 1 - Channels Available in Detroit and Cleveland Areas Only

Frequency (MHz)	Pool in which assigned
Paired channels:	
422.19375*	IB
422.200	IB
422.20625*	IB
422.21250	IB
422.21875*	IB
422.225	IB
422.23125*	IB
422.23750	IB
422.24375*	IB
422.250	IB
422.25625*	IB
422.26250	IB
422.26875*	IB
422.275	IB
422.28125*	IB
422.28750	IB
422.29375*	IB
422.300	IB
422.30625*	IB
422.31250	IB
422.31875*	IB
422.325	IB
422.33125*	IB
422.33750	IB
422.34375*	IB
422.350	IB
422.35625*	IB
422.36250	IB
422.36875*	IB

422.375	IB
422.38125*	IB
422.38750	IB
422.39375*	IB
422.400	IB
422.40625*	IB
422.41250	IB
422.41875*	IB
422.425	IB
422.43125*	IB
422.43750	IB
422.44375*	IB
422.450	IB
422.45625*	IB
422.46250	IB
422.46875*	IB
422.475	IB
422.48125*	IB
422.48750	IB
422.49375*	IB
422.500	IB
422.50625*	IB
422.51250	IB
422.51875*	IB
422.525	IB
422.53125*	IB
422.53750	IB
422.54375*	IB
422.550	IB
422.55625*	IB
422.56250	IB
422.56875*	IB
422.575	IB
422.58125*	IB
422.58750	IB
422.59375*	IB
422.600	IB
422.60625*	IB
422.61250	IB
422.61875*	IB

422.625	IB
422.63125*	IB
422.63750	IB
422.64375*	IB
422.650	IB
422.65625*	IB
422.66250	IB
422.66875*	IB
422.675	IB
422.68125*	IB
422.68750	IB
422.69375*	IB
422.700	IB
422.70625*	IB
422.71250	IB
422.71875*	IB
422.725	IB
422.73125*	IB
422.73750	IB
422.74375*	IB
422.750	IB
422.75625*	IB
422.76250	IB
422.76875*	IB
422.775	IB
422.78125*	IB
422.78750	IB
422.79375*	IB
422.800	IB
422.80625*	IB
422.81250	IB
422.81875*	IB
422.825	IB
422.83125*	IB
422.83750	IB
422.84375*	IB
422.850	IB
422.85625*	IB
422.86250	IB
422.86875*	IB

422.875	IB
422.88125*	IB
422.88750	IB
422.89375*	IB
422.900	IB
422.90625*	IB
422.91250	IB
422.91875*	IB
422.925	IB
422.93125*	IB
422.93750	IB
422.94375*	IB
422.950	IB
422.95625*	IB
422.96250	IB
422.96875*	IB
422.975	IB
422.98125*	IB
422.98750	IB
422.99375*	IB
423.000	PS
423.00625*	PS
423.01250	PS
423.01875*	PS
423.025	PS
423.03125*	PS
423.03750	PS
423.04375*	PS
423.050	PS
423.05625*	PS
423.06250	PS
423.06875*	PS
423.075	PS
423.08125*	PS
423.08750	PS
423.09375*	PS
423.100	PS
423.10625*	PS
423.11250	PS
423.11875*	PS

423.125	PS
423.13125*	PS
423.13750	PS
423.14375*	PS
423.150	PS
423.15625*	PS
423.16250	PS
423.16875*	PS
423.175	PS
423.18125*	PS
423.18750	PS
423.19375*	PS
423.200	PS
423.20625*	PS
423.21250	PS
423.21875*	PS
423.225	PS
423.23125*	PS
423.23750	PS
423.24375*	PS
423.250	PS
423.25625*	PS
423.26250	PS
423.26875*	PS
423.275	PS
423.28125*	PS
423.28750	PS
423.29375*	PS
423.300	PS
423.30625*	PS
423.31250	PS
423.31875*	PS
423.325	PS
423.33125*	PS
423.33750	PS
423.34375*	PS
423.350	PS
423.35625*	PS
423.36250	PS
423.36875*	PS

423.375	PS
423.38125*	PS
423.38750	PS
423.39375*	PS
423.400	PS
423.40625*	PS
423.41250	PS
423.41875*	PS
423.425	PS
423.43125*	PS
423.43750	PS
423.44375*	PS
423.450	PS
423.45625*	PS
423.46250	PS
423.46875*	PS
423.475	PS
423.48125*	PS
423.48750	PS
423.49375*	PS
423.500	PS
423.50625*	PS
423.51250	PS
423.51875*	PS
423.525	PS
423.53125*	PS
423.53750	PS
423.54375*	PS
423.550	PS
423.55625*	PS
423.56250	PS
423.56875*	PS
423.575	PS
423.58125*	PS
423.58750	PS
423.59375*	PS
423.600	PS
423.60625*	PS
423.61250	PS
423.61875*	PS

423.625	PS
423.63125*	PS
423.63750	PS
423.64375*	PS
423.650	PS
423.65625*	PS
423.66250	PS
423.66875*	PS
423.675	PS
423.68125*	PS
423.68750	PS
423.69375*	PS
423.700	PS
423.70625*	PS
423.71250	PS
423.71875*	PS
423.725	PS
423.73125*	PS
423.73750	PS
423.74375*	PS
423.750	PS
423.75625*	PS
423.76250	PS
423.76875*	PS
423.775	PS
423.78125*	PS
423.78750	PS
423.79375*	PS
423.800	PS
423.80625*	PS

* This frequency will be assigned with an authorized bandwidth not to exceed 6 kHz.

Table 2 - Channels Available in Buffalo, Detroit and Cleveland Areas

Frequency (MHz)	Pool in which assigned
Paired channels:	
423.81875*	PS

423.825	PS
423.83125*	PS
423.83750	PS
423.84375*	PS
423.850	PS
423.85625*	PS
423.86250	PS
423.86875*	PS
423.875	PS
423.88125*	PS
423.88750	PS
423.89375*	PS
423.900	PS
423.90625*	PS
423.91250	PS
423.91875*	PS
423.925	PS
423.93125*	PS
423.93750	PS
423.94375*	PS
423.950	PS
423.95625*	PS
423.96250	PS
423.96875*	PS
423.975	PS
423.98125*	PS
423.98750	PS
423.99375*	PS
424.000	PS
424.00625*	PS
424.01250	PS
424.01875*	PS
424.025	PS
424.03125*	PS
424.03750	PS
424.04375*	PS
424.050	PS
424.05625*	PS
424.06250	PS
424.06875*	PS

424.075	PS
424.08125*	PS
424.08750	PS
424.09375*	PS
424.100	PS
424.10625*	PS
424.11250	PS
424.11875*	PS
424.125	PS
424.13125*	PS
424.13750	PS
424.14375*	PS
424.150	PS
424.15625*	PS
424.16250	PS
424.16875*	PS
424.175	PS
424.18125*	PS
424.18750	PS
424.19375*	PS
424.200	PS
424.20625*	PS
424.21250	PS
424.21875*	PS
424.225	PS
424.23125*	PS
424.23750	PS
424.24375*	PS
424.250	PS
424.25625*	PS
424.26250	PS
424.26875*	PS
424.275	PS
424.28125*	PS
424.28750	PS
424.29375*	PS
424.300	PS
424.30625*	PS
424.31250	PS
424.31875*	PS

424.325	PS
424.33125*	PS
424.33750	PS
424.34375*	PS
424.350	PS
424.35625*	PS
424.36250	PS
424.36875*	PS
424.375	PS
424.38125*	PS
424.38750	PS
424.39375*	PS
424.400	IB
424.40625*	IB
424.41250	IB
424.41875*	IB
424.425	IB
424.43125*	IB
424.43750	IB
424.44375*	IB
424.450	IB
424.45625*	IB
424.46250	IB
424.46875*	IB
424.475	IB
424.48125*	IB
424.48750	IB
424.49375*	IB
424.500	IB
424.50625*	IB
424.51250	IB
424.51875*	IB
424.525	IB
424.53125*	IB
424.53750	IB
424.54375*	IB
424.550	IB
424.55625*	IB
424.56250	IB
424.56875*	IB

424.575	IB
424.58125*	IB
424.58750	IB
424.59375*	IB
424.600	IB
424.60625*	IB
424.61250	IB
424.61875*	IB
424.625	IB
424.63125*	IB
424.63750	IB
424.64375*	IB
424.650	IB
424.65625*	IB
424.66250	IB
424.66875*	IB
424.675	IB
424.68125*	IB
424.68750	IB
424.69375*	IB
424.700	IB
424.70625*	IB
424.71250	IB
424.71875*	IB
424.725	IB
424.73125*	IB
424.73750	IB
424.74375*	IB
424.750	IB
424.75625*	IB
424.76250	IB
424.76875*	IB
424.775	IB
424.78125*	IB
424.78750	IB
424.79375*	IB
424.800	IB
424.80625*	IB
424.81250	IB
424.81875*	IB

424.825	IB
424.83125*	IB
424.83750	IB
424.84375*	IB
424.850	IB
424.85625*	IB
424.86250	IB
424.86875*	IB
424.875	IB
424.88125*	IB
424.88750	IB
424.89375*	IB
424.900	IB
424.90625*	IB
424.91250	IB
424.91875*	IB
424.925	IB
424.93125*	IB
424.93750	IB
424.94375*	IB
424.950	IB
424.95625*	IB
424.96250	IB
424.96875*	IB
424.975	IB
424.98125*	IB
424.98750	IB
424.99375*	IB
Single channels:	
425.000	IB
425.00625*	IB
425.01250	IB
425.01875*	IB
425.025	IB
425.03125*	IB
425.03750	IB
425.04375*	IB
425.050	IB
425.05625*	IB
425.06250	IB

425.06875*	IB
425.075	IB
425.08125*	IB
425.08750	IB
425.09375*	IB
425.100	IB
425.10625*	IB
425.11250	IB
425.11875*	IB
425.125	IB
425.13125*	IB
425.13750	IB
425.14375*	IB
425.150	IB
425.15625*	IB
425.16250	IB
425.16875*	IB
425.175	IB
425.18125*	IB
425.18750	IB
425.19375*	IB
425.200	IB
425.20625*	IB
425.21250	IB
425.21875*	IB
425.225	IB
425.23125*	IB
425.23750	IB
425.24375*	IB
425.250	PS
425.25625*	PS
425.26250	PS
425.26875*	PS
425.275	PS
425.28125*	PS
425.28750	PS
425.29375*	PS
425.300	PS
425.30625*	PS
425.31250	PS